

## M. I. T. QUINTET ENDS SEASON IN GAME WITH TUFTS

Freshmen Will Also Meet Tufts  
Yearlings in Hangar  
Gym Tonight

### LAST GAME FOR SENIORS

Allen and Brockleman Retire  
After Year of Success  
In Basketball

In the last game of the season the Cardinal and Gray quintets will meet the Tufts five in the Hangar Gym tonight. As a preliminary to the Varsity game the yearlings will encounter the Tufts freshman in their final game of the year.

After the defeat that the New Hampshire Wildcats handed them, the Engineers have been spending the past two days in strenuous workouts and they are ready for the Tufts aggregation. Technology's five is going to fight their hardest to come through with a victory, for a win will leave them undefeated on their home floor.

#### Tufts Has Strong Team

Tufts has a five that is rated a little better than New Hampshire, and as the Medford boys have had a fairly successful season they are going to be out for the Engineers' scalps. They possess a well balanced team capable of doing considerable damage once they get started.

As a result of the New Hampshire defeat the Cardinal and Gray will probably start tonight's contest very cautiously. In the Wildcat game the Engineers were overconfident and as a result their opponents took the lead and maintained it throughout the entire contest. This game was also marked by a large number of fouls and there is not likely to be a repetition of that type of basketball in the Hangar Gym tonight.

#### Allen and Brockleman Play Last Game

This will be the last game for Brig Allen and Captain Bernard Brockleman. Both of these men have been the mainstays of the Engineer quintet throughout the year and they are rated as two of the best basketball players in the East. Brig Allen is one of the highest scorers around Boston, making on an average of five baskets in each game.

Captain Brockleman is well known for his ability as a guard and is one of the best captains that the Engineers have had for many years. While he is at center it is practically impossible for the opponents to take the (Continued on Page 3)

## SOCCER TEAM JOINS NEW ENGLAND LEAGUE

Invitation to Enter is Accepted  
by the Advisory Council

Technology's varsity soccer team will be one of the associate members of the Intercollegiate Soccer League next year. This was decided upon last night when the Advisory Council on athletics accepted the invitation presented to the Institute team to join. As a member of the league the soccer team will play three games with other members of the league during the season. This does not preclude them from competing against other college teams not in the league.

Formation of the New England Soccer League will be made within the next year or two and will be composed of such college teams as Harvard, Yale, M. I. T., Brown, and Amherst. At the same time the Advisory Council gave permission to the soccer teams, both Varsity and freshman, to hold spring practice. Several games will be played with amateur teams from around Boston, solely for the purpose of recreation and in preparation for organizing next year's team.

A report of the swimming team was read which stated that several Technology records had been broken this year. These records were officially recognized by the Council, and further action will be taken upon them at the next meeting.

## Tra, La, Chirp Seniors in T. M. Laboratory

Although the Glee Clubs contest is over, some Seniors still seem to be practicing for some reason or other. Monday morning about 9:45 o'clock three members of the graduating (?) class alternated between trying to sing in harmony and singing in opposition to each other in the Testing Materials Laboratory, Room 1-110. Their efforts ranged anywhere from "Drink to Me Only with Thine Eyes" to a terrible attempt to yodel a la Swiss, and the type of voice ran the whole gamut of very bad bass, baritone, whisky tenor, falsetto, soprano, or what have you. It has been suggested that hereafter all such attempts at harmony be made in an empty silo.

## Maine Delegation Of T. C. A. Returns

More Men Needed for Teaching  
Inmates of Middlesex  
County Jail

Ten men from the T. C. A., the quota from Technology, attended the Eastern New England Student Conference at Poland Springs, Maine this week end. The dynamic of Christian motivation was discussed under the leadership of Charles W. Gilkey of Chicago. The largest delegation was from the University of New Hampshire which included men and women but the Wellesley girls were twenty strong. The following men were Technology's delegates: M. Richard Boyer '29, Alfred Cavileer, Jr. '31, Fred N. Dickerman '30, John G. Hutchins '31, Lowell Moses '30, Henry O. Pattison, Jr. '30, Robert K. Phelan '30, Bryce Prindle '31, Gordon F. Rogers '29, and Wallace M. Ross, secretary of the Technology Christian Association.

T. C. A. representatives have been going to jail again this year as is their custom and there is room for many more if their criminal records are clear. The purpose of the mission is to instruct the convicts and teach them material in English and Mathematics which subjects have been found to do the inmates the most good. On Wednesday and Friday afternoons between 2:30 and 4 o'clock there are openings for men who wish to teach. Lowell M. Moses '30 is in charge of Technology's workers.

Tickets have been selling well in the five days that the service has been offered. A total of \$47.50 has been taken with the result that the T. C. A. has opened an account with the Harvard Trust Company to transact the business. Each theatre is paid at the end of each week the amount of the sales of tickets made in the T. C. A. agency and this has necessitated the bank account. Today 1000 circulars are being distributed to the students desiring the service and encouraging its use.

## Enthusiastic Audience Applauds Two Artists' Folk Song Concert

Large Crowd Braves Rainy Night  
To Hear Arthur Whiting  
and John Goss

In spite of rainy weather the fourth concert in a series of expositions of classical and modern chamber music being presented by Mr. Arthur Whiting was attended by a large number of students and members of the Faculty, who heartily applauded the efforts of both Mr. Whiting and his assistant at the recital, Mr. John Goss, baritone.

Folk songs of England, France, and Scotland featured the program, including "Aupres de ma blonde," a French marching song, and "Guignolot de Saint Lazot," the whining song of a beggar on the steps of Notre Dame. The complete recital program as revised from previous announcement was as follows:

Caleno Custureme  
Campion, 1561-1619  
I Care Not for Ladies

## AMERICAN TRENDS IS THEME OF HILL TALK TOMORROW

Editor of Babson Bulletin Will  
Give Address Before  
Liberal Club

### LED WARREN CAMPAIGN

Creighton Hill of the Babson Statistical Organization, editor of the Babson Bulletin will speak to the Liberal Club on the subject "America-Whither Bound?" tomorrow afternoon in Room 3-370 at 4 o'clock. All students and members of the faculty are invited.

Mr. Hill has been engaged in many enterprises since graduating from the Harvard Law School. After practicing law for a short time, he entered journalism where he made a wide acquaintance with many noted people. Sherwood Anderson, Theodore Dreiser, Upton Sinclair, James Joyce, and many others in public life today are numbered among his friends.

At present, Creighton Hill, besides his work with the Babson Organization, is a member of the board of editors of "The Lantern," a monthly magazine, and writes as well for many publications. His management of the recent political campaign of Mr. Warren when the latter ran for Attorney General stamps him as an able politician. A question period will follow his talk.

Plans are being made for a debate to be held on March 21st on the subject of "Preparedness." Tucker P. Smith of New York will present the side of "Preparedness for Peace" while another well-known speaker will defend the military policy of the militarists today. According to the announcements of the president of the Liberal Club at meetings, opinions and suggestions on subjects for discussion are welcome from the student body.

## FACULTY TO HOLD MID-WINTER PARTY

Professor Morris Will Talk on  
Mongolian Adventures

Ladies' Night will be held by the members of the Faculty Club at their Mid-Winter Party which is to be given in the North Hall of Walker Memorial next Tuesday evening.

Dinner will be served at 6:30 o'clock, and will be followed by an illustrated talk by Professor Frederick K. Morris of the Geology Department at Technology, on the subject "Adventures in Mongolia with Roy Chapman Andrews." Professor Morris accompanied this famous expedition as geologist, and had many interesting and unusual experiences during the course of this work.

Dancing will follow the address, beginning at 9 o'clock and continuing until midnight. No announcement has been made as to the orchestra which will furnish the music for this affair.

## CIRCUS PLANNED AS GALA AFFAIR

Walker Dining Hall  
to Have More Art

Walker Dining Hall is to have some new paintings. The explanation of the scaffold and apparent destruction of the walls is to prepare a place for them. The pictures are being painted in New York by the artist who made the large mural and will be fastened to the surface that is being prepared.

The suggestion has been made that the Military Science Department take steps to have a 24-hour patrol guard such tempting surfaces from deflation by the Dorm Goblin or the Voo-Doo artists.

## Tunesters to Play At Sophomore Ball

Dance to be in Fountain Room  
of the Longwood Towers  
in Brookline

Longwood Towers has been secured by the Sophomore Dance Committee to be the scene of the annual Sophomore ball that will be held on March 15. Dancing will be held in the Fountain Room to the music furnished by the Tunesters Orchestra.

Tickets for this dance can be obtained from members of the Committee and various free lances. There will be no public sale of tickets until March 11. From that day until the day of the dance a desk will be maintained in the Main Lobby from 9 until 5 o'clock.

One of the biggest drawing cards of this dance is the fact that it will cost only \$2 per couple. Previous Sophomore dances have ranged in price as high as \$5. As an added inducement to salesmen, any student who sells ten tickets will be given one free. This offer is open to members of all classes and tickets may be secured by applying to any member of the Committee.

## CORP XV MEMBERS HEAR RAILROAD MAN

Students Allowed to Attend Noon  
Luncheon of Business Men

Corporation XV has practically completed arrangements with the Boston Chamber of Commerce whereby a limited number of the members of this organization may enjoy the next Chamber of Commerce noon luncheon which will be held in the Main Dining Room of the Chamber of Commerce Building on March 14. General W. W. Atterbury, President of the Pennsylvania Railroad, is to be the guest of honor and speaker at the meeting. The cost of the luncheon to Corporation XV members will be \$1.25.

These noon luncheons are very popular with the business men of Boston and tickets are always at a premium. In fairness to its own members the Chamber of Commerce will not reserve places for large outside groups, but they hope to accommodate about twenty of the Corporation XV members. As there will naturally be a limit to the number of men who can go, those wishing to attend should sign up immediately in Room 1-180.

## FRATERNITIES BEGIN BOWLING TOURNAMENT

As yet only the bowling tournament is being run off by the Interfraternity Conference. As a result of the playing of the first round the following fraternities are still in the contest: Phi Mu Delta, Theta Xi, Kappa Sigma, and Chi Phi. The second round of the tournament will be run off this week and the semi finals and finals the following week. Bridge and basket ball games will begin next week.

## MUST SUBMIT ALL PLANS FOR BOOTHS FOR APPROBATION

Prizes to be Raffle Off During  
Day to Holders of Lucky  
Numbers

### CUP FOR BEST EXHIBIT

Sideshows, booths and barkers, tents and temptations will be in evidence at the first All-Technology Carnival which will be held in the Armory on April 21 according to a report of the committee in charge of the affair at a meeting yesterday.

Most of the fraternities have already planned their stunts for the gala festivities which are to be the order of the day. As yet some of the professional societies have not reported what form of entertainment their offerings will take. Organizations which have not reported to the committee must do so before March 15.

This year particular attention will be paid to the layout of the booths on the Armory floor. Unlike former years, the various tents and side shows will be pitched in places to stimulate the confusion which was in evidence at the old fashioned carnival with its noisy booths and attractions varying for interest.

As an added attraction, several prizes will be raffled off during the course of the day to the holders of lucky tickets. These gifts will be donated by various business concerns. In addition to these, there will be a grand award of a cup which will be presented to the entry which has the most attractive booth established.

There will be no charge for admission to the Armory and the carnival lot. Each attraction will, however, charge its patrons for the special type of entertainment which it offers. According to M. Richard Boyer '29, chairman of the committee, several new features are being developed and if anyone has any suggestions which may be worked over into novelties, he should submit it to the committee.

The board in charge of the Carnival consists of: M. Richard Boyer '29, chairman, Albert L. Eigenbrot '29, dormitories; Fisher Hills '29, and William Thomas '29, fraternities; Raymond P. Delano '29, Armory; George Logan '29, finances; Eric A. Bianchi '29, activities; and Henry O. Pattison '30, publicity.

## PROF. HARDY SPEAKS AT SCIENCE LECTURE

Nature and Measurement of Light  
and Color is Subject

Professor Arthur C. Hardy will be the speaker at the last of the Society of Arts Popular Science Lectures this year. He will deliver an address on "Color" in Room 10-250 Friday, Saturday, and Sunday of this week. As usual the lecture will be open to students of high and preparatory schools for the first two periods, and to the general public on Sunday.

Professor Hardy has chosen a subject that has and still does puzzle man. The exact nature of color and what makes some things one color and others another is not definitely known.

## Typhoid Inoculations for R.O.T.C. Campers

Typhoid vaccine has been shot into various members of the R. O. T. C. who are going to attend summer camp at the end of this school year. The Infirmary on Friday afternoon injected into the bodies of 100 army men the treacherous bacillus in a dead condition for the first of the three inoculations. As yet no arms have expanded to an oversized condition, but the first shot is the smallest dose. All the men are looking forward to next Friday when they get the second hypodermic.



A Record of  
Continuous  
News Service  
for 48 years.



Official News  
Organ of the  
Undergraduates  
of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

<b>MANAGING BOARD</b> D. T. Houston '30...General Manager W. F. Howard '30.....Editor C. Connable '30.....Managing Editor G. Smith '30.....Business Manager	
<b>ASSOCIATE BOARD</b> R. Davis '31.....News Editor W. N. Currier '31.....Sports Editor E. S. Worden '31 Asst. Managing Editor G. M. Roddy '31.....Advertising Manager H. J. Truax '31.....Treasurer J. K. Minami '31.....Circulation Manager	
<b>EDITORIAL DEPARTMENT</b> Editorial Board L. Vermeer, Jr. '30 W. B. Schneider '31 <b>NEWS AND SPORTS DEPARTMENTS</b> Night Editors J. W. Bahr '31 M. F. Burr '31 J. R. Swanton '31 S. C. Westerfeld '31 F. C. Fahnstock '30 E. W. Harmon '30 News Writers A. H. Feibel '32 S. R. Fleming '32 M. S. Hathaway '32 E. F. Newman '32 E. F. McLaughlin '32 Staff Photographer T. Lewenberg '31 Sports Writers P. A. Roberts '32 Reporters H. Kamy '31 S. G. Nordlinger '32 P. A. Davis '32 R. Thomas '32 D. L. Dionne '32 E. W. Schafer '32 E. L. Clark '32 J. F. Crowther '32 E. B. Hubbard '31 R. A. Fuller '32 J. B. Smith '32	
<b>OFFICES OF THE TECH</b> Walker Memorial, Cambridge, Mass. News and Editorial—Room 3, Walker, Telephone Univ. 7029 Business—Room 302, Walker, Telephone Univ. 7415 Printer's Telephone—Hancock 5060-1-2 SUBSCRIPTION PRICE, \$2.50 PER YR. Published every Monday, Wednesday and Friday during the College year except during college vacations Entered as Second Class Matter at the Boston Post Office Member Eastern Intercollegiate Newspaper Association	
<b>BUSINESS DEPARTMENT</b> Treasury Department Assistant Treasurers E. L. Krall '30 D. M. Goodman '31 J. B. Tucker '31 Staff W. Holst '32 H. Swachman '32 Staff L. C. Littlefield '32 E. D. McLeod '32 W. M. Moore '32 W. B. Pierce '32 Advertising Department Assistant Advertising Managers R. H. Haberstroh '31 Staff L. C. Bond '32 W. H. Barker '32 C. E. McCormack '32 A. Jewell '32 W. B. Simonds '32 E. F. Moran '32 M. D. Triouleyre '32 A. S. Ellis '32 L. Fox, G.	
In charge of this issue: J. W. Bahr '31 E. B. Hubbard '31	

WITH THE AMERICAN  
COLLEGE EDITORS

Censorship of filth is a good thing, just as covering garbage is a good thing. Garbage is covered because it offends people's nostrils, and spreads disease. Filth is censored for practically the same reason.

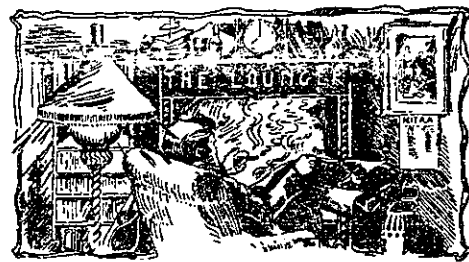
Suppose I want to speak about religion. I could run down religion with the blackest intentions, and no one would bother even reading it. But supposing I started to criticize, ever so mildly, one denomination of religion, I would be extremely lucky to come out of the ensuing riot with my life.

I can run down human nature, and describe it in most opprobrious terms, without anyone getting annoyed about it. But if I ventured to deal flippantly with any one race or nationality, a carload of bricks would be ordered at once for my immediate destruction, even though I had spoken gospel truth. The only nationalities that are not afraid of criticism are the English and the Scotch. They, presumably, are the only ones that have nothing to be afraid of.

The Y.M.C.A. issued a pamphlet to guide young people in the affairs of the sex. After it had been broadcast over the country doing incalculable good, some censors, representing the public opinion evidently, banned it. One would think that the pamphlet was doing too much good for their liking, and that it was in their interests to stop the good being done. But, mind you, the public was the real censor, and public protests ordered the pamphlet to be banned.

If the public didn't, by indirect censorship, ban good literature, there would be far more of it. But if they won't buy it, it is completely banned.

—McGill Daily



Back to Siwash—the Lounger forswears allegiance to Tech, just as he refused to stomach Harvard long ago. Talk about insults—when plasterers and other hired help flaunt their fur coats in the Lounger's face it is time to hunt a school that refuses to employ Russia's exiled nobility. The Lounger has it on good authority that the ratskin-clad horny-handed lime-slinger drove off in a Rolls-Royce at the completion of yesterday's work in the Walker quick-lunch, but he attributes this report to some brown-bagger's malicious jealousy. At any rate, the Lounger and his tweeds felt pretty low, eating in Walker while a hairy-coated plasterer stalked off with his nose in the air, seeking a good meal.

Combining his own peculiar originality with persistent attempts to ape the more prominent loafers about the school young Ed Michelman continues to hold undisputed possession of the title of Tech's biggest nuisance. Clinging to the girlish treble of his

PLAY DIRECTORY

Stage

Tickets for all theatres may be bought at Box-Office Prices from the T.C.A., Walker Memorial.  
**COLONIAL:** "Billie".  
Well, you saw her at the prom.  
**ST. JAMES:** "The Shannons of Broadway".  
Plenty of fun. A wise-cracking farce.  
**SHUBERT:** "Manhattan Mary".  
The perfect fool keeps up his fooling. Chorus snappy enough.  
**PLYMOUTH:** "The Jealous Moon".  
Jane Cowl wrote it herself. A plenteous and columbine romance.  
**WILBUR:** "The Trial of Mary Dugan".  
Genevieve Tobin knows her stuff. Clever dialogue.  
**MAJESTIC:** "Chauve Souris".  
Just as good as last year.

Screen

**LOEW'S STATE:** "Alias Jimmy Valentine".  
Sounds like Frank Packard. Jimmy Dale was a darn good crook.  
**METROPOLITAN:** "Captain Lash".  
Good melodrama. Stage show with Bert Lytell unusual and clever.  
**FENWAY and OLYMPIA:** "The Canary Murder Case".  
Sherlock Holmes stuff, and poker games to boot.

adolescent days, bestowing himself about the corridors and classrooms in numberless nonchalant poses, calculated to give one the impression of an incurable rounder catching his daily forty winks, Mike goes on forever. The Lounger wonders why the Faculty doesn't take steps to end his sojourn in our midst—graduation is too good for some people.

INDEPENDENCE OR CENSORSHIP?

STIRRING to savage intensity the student opinion of this country and Canada, the question of whether it is permissible for editors of college publications to print in their columns whatever they may see fit is a burning one in a number of institutions. Technology has its "Voo Doo"; Harvard its "Lampoon"; Boston University its "Bean Pot". Now to this list of outcasts in the eyes of the authorities at their schools is added the daily newspaper at the University of Toronto.

When he climaxed a group of outspoken editorials with a frank discussion of what one student called "ubiquitous petting", Mr. L. J. Ryan, a Senior at the university, was deposed by the student government, forced to this action by authorities of the University. Not only was the editor removed, but with him went his entire staff, labelled unfit to represent their school. Other student newspapers, enraged at this usurpation of what they deem the right of their confreres, have joined the general clamor.

It all simmers down to the different interpretations of the college editor. Shall he write in his editorials an unprejudiced presentation of student opinion at his institution, or shall he temper his views to court faculty approbation? Shall he print an untrammelled criticism of conditions, or must he subject his work to censorship? Beneath the froth which characterizes much of the protest runs this basic question—are extra-curricular activities the property of the students, or must their managers be responsible to the insinuated edict of the school authorities, which threatens expulsion to him who intrudes with views contrary to theirs?

Odious faculty domination is fatal to initiative on the part of the students. It is a puerile method of coercion, more applicable to grammar schoolboys than to college men. Nor should it be necessary—for such inhibitions the faculty should substitute a more complete faith in the students. Human nature, psychology or common sense should show that when a group has to do a thing, it won't; if the men are not restricted, generally they do not overstep propriety.

Rigid censorship is wholly bad. It is impossible to expect any results from the students under this plan. It will not work—it failed at Boston University, it failed at Colorado, it failed in Toronto. If the special committee investigating the "Voo Doo" has any ideas in mind, let them take notice of these facts.

Such occurrences as have been reported from other schools go to prove how very fortunate we are at Technology. We are glad to say that our faculty doesn't interfere unless such action seems absolutely necessary. They sit back and let us run things our own way, fighting out matters as we see fit, offering interested guidance and advice, seldom protesting. They have faith in our ability as men. Are we to continue to warrant such faith, or are they to be forced to descend to childish tactics?

CREATIVE WASTING

IT has been said that "Haste makes waste", but it is also very often true that "Waste makes haste". Engineers have appreciated for many years the great saving that is made in large plants by installing new machinery to replace the old.

"Obsolescence" is an important element in the doctrine of creative wasting. Obsolescence means the scrapping of obsolete goods and machinery, teaching people how to know when a thing is obsolete and passe, a back-number in style and efficiency. This is just as important in the realm of ideas as in the industrial world. It is a hard job teaching people to scrap old ideas that they have spent time and effort learning, but this is one of the demands of progress, and the quicker accomplished—the swifter the progress. A few may argue that obsolescence means simply flagrant waste. It does mean waste. Whenever you tear down a building or discard an old suit it is waste, as there is some sort of service left in it. But the service it could give you would be more detrimental than the loss you incur through the discarding. The real job of research is to make men dissatisfied with what they have.

The problem is not new—the persuading of people to abandon old ideas for new without bemoaning the waste—it is as old as history, the new institution is an attempt at individual adjustment and acceptance, whether it be in regard to an idea in problem-analysis or a new floor of machinery.

Creative wasting is a conscious development and can be a great power for good.

...but a mosquito blocked the way

THE Panama Canal diggers had engineering brains and money aplenty. But they were blocked by the malaria and yellow-fever bearing mosquitoes, which killed men by thousands.

Then Gorgas stamped out the mosquito. The fever was conquered. The Canal was completed.

The importance of little things is recognized in the telephone industry too.

Effective service to the public is possible only when every step from purchase of raw material to the operator's "Number, please" has been cared for.

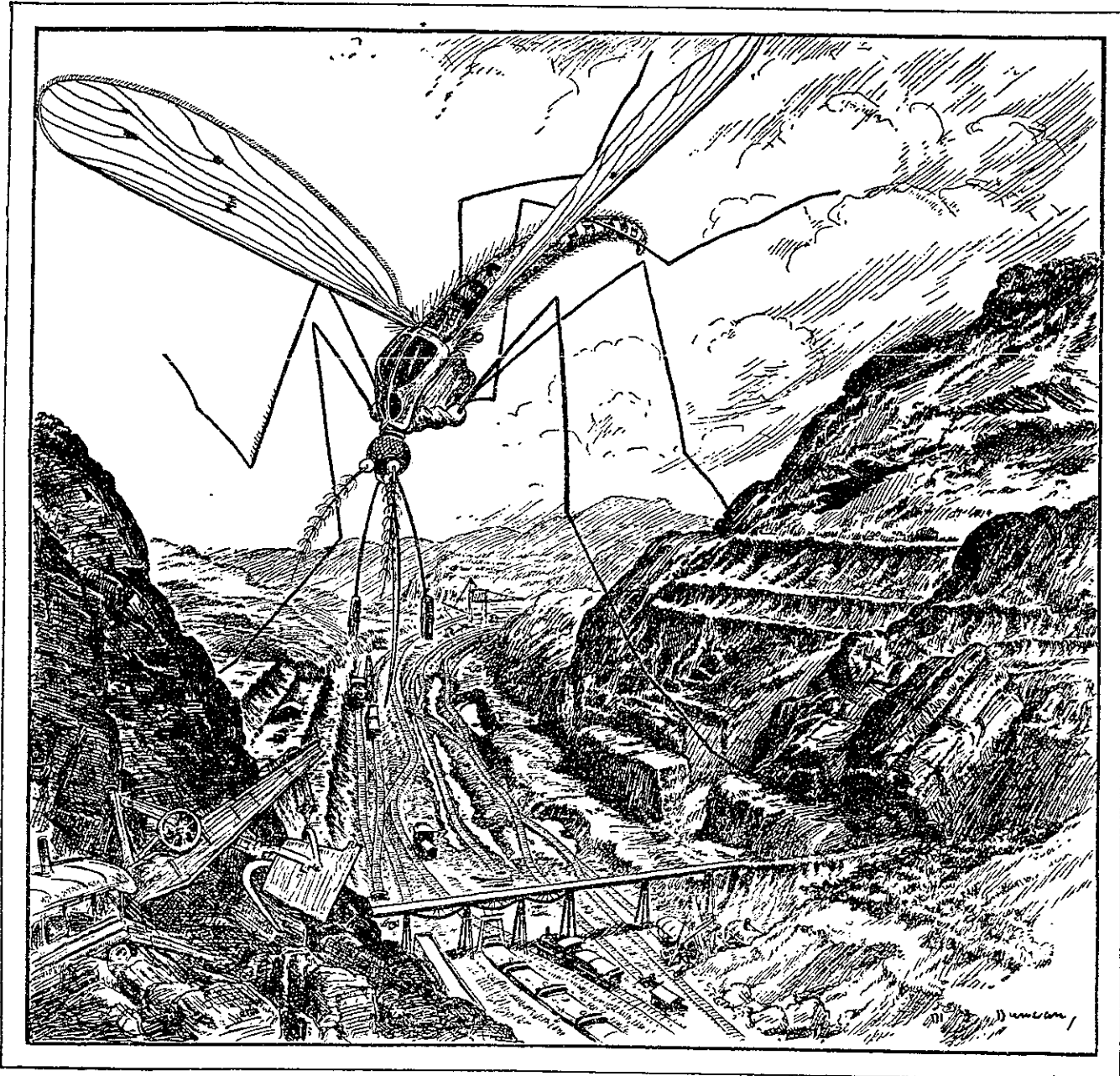
This is work for men who can sense the relations between seemingly unrelated factors, men with the vision to see a possible mountain-barrier in a molehill—and with the resourcefulness to surmount it.

BELL SYSTEM

A nation-wide system of inter-connecting telephones



"OUR PIONEERING WORK HAS JUST BEGUN"





# SWIMMERS MEET BROWN TONIGHT VARSITY WRESTLING TEAM LOSES TWICE

## Engineer Wrestlers Are Defeated By C.C.N.Y. and Brooklyn Tech Grapplers

A badly crippled wrestling team lost its two matches over the weekend to City College of N. Y. and Brooklyn Polytechnic Inst. by the scores of 21 to 6 and 21 to 9 respectively. Captain DerMarderosian and Stone were the only team members that came back with an unmarred record, while Perkins split his match, losing at C. C. N. Y., and winning against the Brooklyn grapplers.

In the 115 pound class, Norris, who took the place of Chibas, lost his first Varsity match to Schwartz, of the City College team. He was pinned by a half-nelson after 8 minutes and 13 seconds of wrestling. In the Brooklyn meet, Canter, who wrestled in the 115 pound class, came close to victory, but slipped and lost his match by a fall, when the Brooklyn grappler, quick to seize his advantage pinned the Engineer in 7 minutes and 55 seconds, with a body hold.

**Perkins Wins At Brooklyn**  
Perkins, the 125 pound Engineer, broke even, losing the first match to Doscher, the City College matman, by a time advantage of 4 minutes and 35 seconds. In the second match against Brooklyn Polytech, he easily got the advantage over his man, but was unable to turn him over for a fall, and won by a 3 minute and 48 second time advantage.

Canter, who wrestled in the 135 pound class in the City College meet, lost his match to a more experienced opponent, after 2 minutes and 35 seconds of wrestling, when the New Yorker turned the much out-weighted Engineer over with a hammer lock and head hold. The 135 pound was forfeited in the Brooklyn Polytech meet, Canter wrestling the 115's.

Probably the most exciting bout of the New York meet was Captain DerMarderosian's match with Silverman of City College. Although DerMarderosian outclassed his opponent, he was forced to take a time advantage. Three times the M.I.T. captain had his man flat on his back, but was unable to hold him, and the Engineer won by the advantage. In the Brooklyn meet, Captain DerMarderosian met a much stronger and more experienced opponent, but in a close match he was able to add another victory to his long string by winning with a time advantage of 1 minute and 17 seconds.

**Pittbladdo Loses Twice**  
In the 158 pound class, Pittbladdo lost a very close decision to Schwalbenest in the City College meet, after the grapplers had wrestled the 10 minute period to a draw, neither man able to get an advantage. In the over time, the New Yorker was able to get an advantage of 2 minutes 35 seconds, to win the match. In the Brooklyn meet, Pittbladdo was handicapped by a severe cut on the ear,

received in the City College meet, and lost to Pira by a time advantage of 3 minutes and 23 seconds.

Stone, the strong Engineer 175 pounder, won both of his week-end meets by decision, the first by a 1 minute and 8 second time advantage after both men had wrestled the full 10 minute period; and the second in an exciting match with Harfter of Brooklyn, in the 165 pound class, with a time advantage of 4 minutes. This was one of the closest matches in the week-end meets, and was a sterling exhibition of collegiate wrestling.

**Two Defeats in Unlimited**  
Heistein, the City College wrestler, threw Gordon of M.I.T. in the unlimited class in 5 minutes and 40 seconds with a half nelson, and crotch hold. Gordon was outclassed in this match, but fought the New Yorker to the last minute. Gordon wrestled the 175 pound class in the Brooklyn meet, losing it to Lutz after the Brooklyn man had spent the greater part of the match trying to turn Gordon over for a fall, which Gordon pluckily resisted. The New York man was awarded the bout with the advantage of 9 minutes and 19 seconds. Due to the sickness of Easy, the unlimited class was forfeited, making the final scores 21 to 9, in favor of Brooklyn, and 21 to 6 in favor of City College.

**Summary. City College:**  
118-pound Class—Schwartz, C. C. N. Y., pinned Norris, M. I. T., in 8 min. 13 secs. with a half-nelson.  
125-pound Class—Doscher, C. C. N. Y., defeated Perkins, M. I. T., by a time advantage of 4 mins. 35 secs.  
135-pound Class—Pomerantz, C. C. N. Y., pinned Canter, M. I. T., in 2 mins., 35 secs., with a hammer-lock and head hold.  
145-pound Class—DerMarderosian, M. I. T., defeated Silverman, C. C. N. Y., by a time advantage of 4 mins., 26 secs.  
158-pound Class—Schwalbenest, C. C. N. Y., defeated Pittbladdo, M. I. T., in an extra period by a time advantage of 2 mins., 35 secs.  
175-pound Class—Stone, M. I. T., defeated Marcus, C. C. N. Y., in an extra period by a time advantage of 1 min., 8 secs.  
Unlimited Class—Heistein, C. C. N. Y., threw Gordon, M. I. T., with a half-nelson and crotch in 5 mins., 40 secs.  
Final Score—C. C. N. Y., 21; M. I. T., 6.

**Summary. Brooklyn Polytech:**  
115-pound Class—Nussbaum B. P. I. defeated Canter M. I. T. by fall in 7 mins. and 55 secs.  
125-pound Class—Perkins M. I. T. defeated Ragusan B. P. I. by time advantage of 3 mins. and 8 secs.  
135-pound Class—Forfeited to White B. P. I.  
145-pound Class—Captain DerMarderosian M. I. T. defeated Odernheimer by time advantage of 1 min., 17 secs.  
155-pound Class—Pira B. P. I. defeated Pittbladdo M. I. T. by time advantage of 3 mins. and 23 secs.  
165-pound Class—Stone M. I. T. defeated Harfter B. P. I. by time advantage 4 mins.  
175-pound Class—Lutz B. P. I. defeated Gordon M. I. T. by time advantage of 9 mins., 19 secs.

## BASKETBALL PLAYERS END SEASON TONIGHT

(Continued from Page 1)  
jump away from him. He is also a good passer and dribbler. Although he very seldom makes attempts at basket shooting he can make his shots when the time arrives.  
George Lawson, Bob Nelson, Dave Motter and William McDowell will be back next year and these four will form the basis of next year's quintet. All of these men have done good work this year although Dave Motter and William McDowell have not seen as much service as have Lawson and Nelson. Bob Nelson is a very good shot, but he has not been attempting

## MERMEN WILL MEET BROWN TONIGHT AT UNIVERSITY CLUB

Swimming Team Will Meet With  
Stiffest Competition  
of the Season

### BROWN HAS STRONG TEAM

Tonight the swimming team meets Brown at the University Club in what promises to be the stiffest contest this season. Brown has one of the most powerful teams in the East, having defeated such teams as West Point and Columbia.

The natators this year have one of the most powerful and well balanced teams that Coach Russell Dean has ever turned out, as is evidenced by the large number of new Technology records that have been broken. Nevertheless to overwhelm the Brown bears will call for swimming of record caliber.

### Luey Is Best Bet

Although the Cardinal and Gray is strong in nearly every event, the best chances are in the hundred and fifty yard back stroke, the four-forty yard free style, and the three hundred yard medley. Captain Larry Luey is the Institute's best bet in the back stroke, as he now holds the New England Intercollegiate record in that event. The old record was held by Brown of Wesleyan and was broken by Luey at Worcester in the meet with W. P. I.

In the four-forty yard free style Jarosh has been displaying quite a bit of power, with enough endurance left to give Luey a good race in the back stroke. Jarosh is the present holder of the Institute record, having lowered the time twice this season. Mackay has shown up unusually well in the three hundred yard medley, both in the individual swimming and in the three hundred yard medley relay. Despite the fact that he is only a Sophomore, he cut down the time for the event nineteen seconds at West Point.

### Two More Meets Scheduled

At Bowdoin, Torchio made an excellent showing in the hundred yard free style and as anchorman on the relay. He should undoubtedly put up a good fight in the meet with Brown and in the N. E. Intercollegiate championships.  
After the contest tonight there are two more meets this season, one with Wesleyan next week, and the New England Intercollegiate the fifteenth and sixteenth of this month. The tanksters should surpass Wesleyan although a good meet is expected. In the New England meet Technology is expected to get first in the back stroke and at least one or two other events.

## POLO CLUB OFFERS LESSONS IN RIDING

Captain Brown of Commonwealth  
Armory Is Teacher

The Polo Club, as it has been for the past year, is again conducting riding classes this term. There have already been two sessions at the Commonwealth Avenue Armory, and the Club will continue the program every Wednesday night at six o'clock.  
The Polo Club wishes to extend to everyone interested in riding the invitation to join the class. The periods are always very much enjoyed, even by those who have had some years of riding experience, and affords an exceptional opportunity for the novice to learn to ride horseback at a very reasonable rate. The charge for Polo Club members is only \$1.75 for two hours, and anyone wishing to ride is eligible for membership. The riding classes are under the supervision of Captain Brown of the Cavalry reserve, who will give personal instruction to anyone desiring it. Those interested will please get in touch with William B. Wilder, 532 Beacon Street, phone Back Bay 4057.

### POLO NOTICE

There will be a polo game between the M. I. T. Polo Club and Troop C of the 110th. Cavalry at Commonwealth Armory tonight at six-thirty.

many shots this season as Brig Allen is considerably better than he is and Bob has been passing the ball to other men rather than shoot.

## Technology Crews Will Take First Trial Spin In Rowing Barge Today

From the boathouse comes the welcome news that the Technology crews will have a workout on the river for the first time this afternoon. There is a sufficient amount of open water for the barge and the warm weather is too good to waste inside on the machines. In the past few years it has been customary to go on the river at least once or twice in February, but the cold weather has always returned to drive the oarsmen back to the warmth of the boathouse.

The first of March is practically the earliest date for the commencing of regular outdoor practice. Coach Haines has preferred to make it the policy of the crew men to avoid unnecessary danger from sudden exposure to wintry weather. Consequently, he has waited until the spring has put a permanent check on blizzards and cold snaps.

### Barge is in Readiness

The barge, which has been blocked up on a float all winter, was turned over on Monday and the riggers were put on it. It will be launched this afternoon and the crew will embark for the first trial spin of the season. Coach Bill Haines was planning to have his men go out yesterday, but unsatisfactory weather conditions made it inadvisable to do so.

The launch, which has been stored for the winter on the float has been repainted, and is ready to be launched this morning. It will be used as a coaching launch until the ice is sufficiently removed from the Basin to allow the two large motorboats which have been in dry-dock to be brought up to the boathouse.

Training tables have been held daily at Walker Memorial since Monday, and the men are beginning to think seriously of their training duties. The men receive well-chosen and well balanced meals twice a day, and those who know will vouch for the fact that

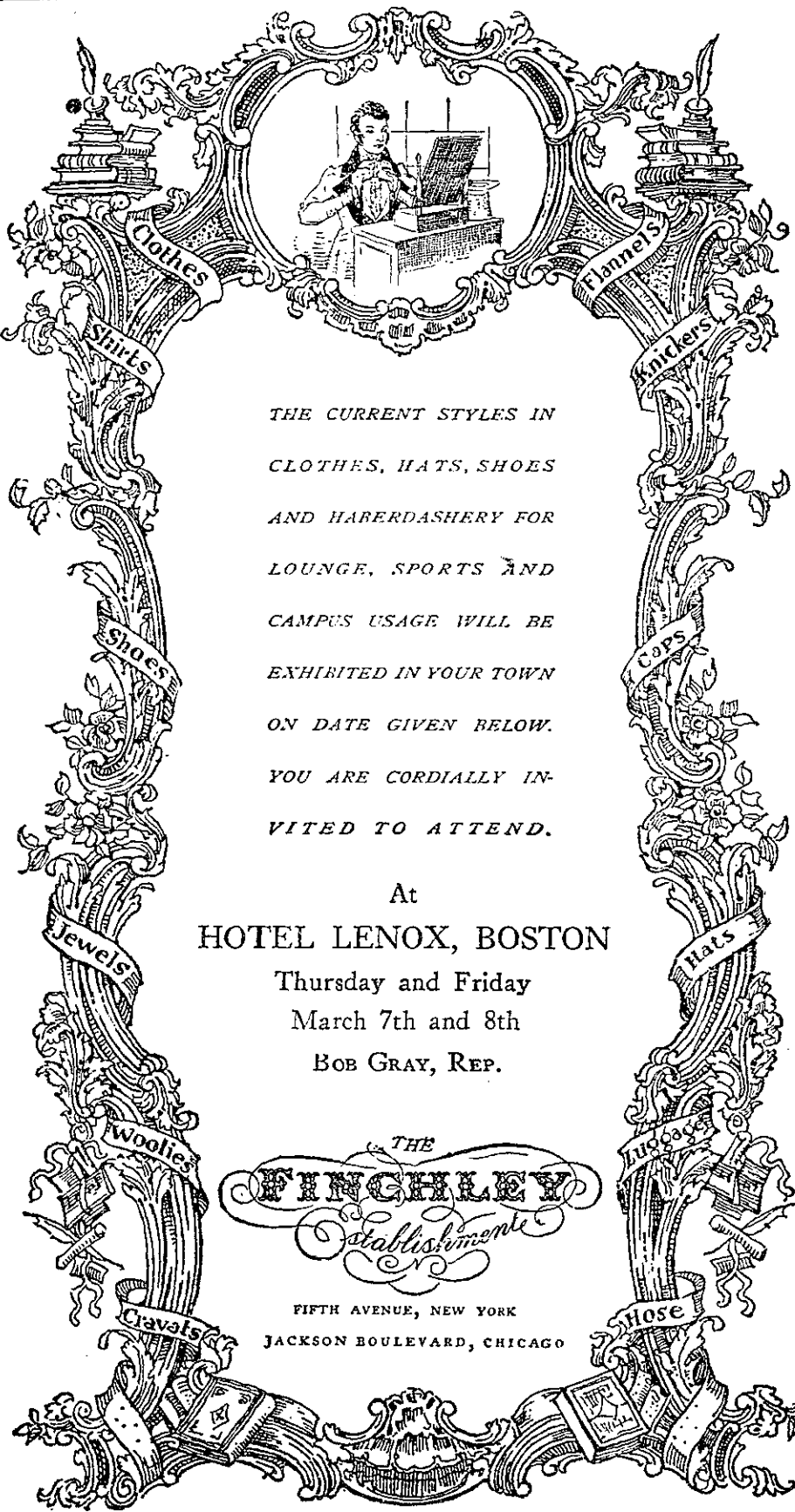
no crew man will perish of under-nourishment as long as he is on time for these servings.

Track seems to be demanding an unusual amount of attention, as records fall at every meet before the 1929 speed kings. This speaks well for the M.I.T. track teams in the coming season. Winter work is officially over, but the men will continue to work out in preparation for the first day on the dirt track. There seem to be plenty of good men in every event, and interest is growing steadily in their future achievements.

## For College Parties

—small or large, The Modernistic Ballroom, for 300 guests. The Sun Room—accommodates 100. The Jewel Room—for 50 to 75, may be opened into the EGYPTIAN ROOM for dancing to Leo Reisman's music.

Call or write  
**Hotel BRUNSWICK**  
for particulars



THE CURRENT STYLES IN  
CLOTHES, HATS, SHOES  
AND HABERDASHERY FOR  
LOUNGE, SPORTS AND  
CAMPUS USAGE WILL BE  
EXHIBITED IN YOUR TOWN  
ON DATE GIVEN BELOW.  
YOU ARE CORDIALLY IN-  
VITED TO ATTEND.

At  
**HOTEL LENOX, BOSTON**  
Thursday and Friday  
March 7th and 8th  
BOB GRAY, REP.

**FINCHLEY**  
Establishments  
FIFTH AVENUE, NEW YORK  
JACKSON BOULEVARD, CHICAGO

**WINTER OR NOT**  
You can still hire the best cars at  
the lowest prices from  
**U-DRYVIT AUTO RENTAL**  
6 Belvidere Street Boston

**SIMPLEX**  
WIRES AND CABLES  
INSULATED WITH RUBBER  
PAPER OR VARNISHED  
CAMBRIC  
**SIMPLEX WIRE & CABLE CO**  
MANUFACTURERS  
201 DEVONSHIRE STREET  
BOSTON  
CHICAGO SAN FRANCISCO  
NEW YORK CLEVELAND  
JACKSONVILLE

## NOTICES and ANNOUNCEMENTS

## Of General Interest

## SEDGWICK BIOLOGICAL SOCIETY

Wednesday, March 6 Trip to Friend Bros. Plant, Malden  
Supper at 6:30 o'clock All members urged to go

Lecture by

MR. W. B. FLANDERS

Manager of the Turbine Engineering Department of the  
Westinghouse Electric & Manufacturing Co.

on

## Advanced Problems in Turbine Design

Friday, March 8, 3-4 P.M. Room 5-330  
Open to all students and instructing staff

## POPULAR SCIENCE LECTURE

Under the auspices of the Society of Arts  
given by

PROFESSOR ARTHUR C. HARDY

Associate Professor of Optics and Photography  
Department of Physics

on

## Color, Its Nature and Measurement

Sunday, March 10, 4 P.M. Room 10-250

## Calendar

## Wednesday, March 6

12:00—Faculty Club Luncheon, Faculty Dining Room.  
8:00—Math Club Meeting, North Hall, Walker.  
8:00—Basketball Team vs. Tufts, Hangar Gym.  
8:00—Swimming Team vs. Brown, University Club.

## Thursday, March 7

5:00—Banjo Club Meeting, East Lounge, Walker.  
5:00—Senior Week Committee Meeting, North Hall, Walker.  
6:00—Gym Team Dinner, Faculty Dining Room, Walker.

## Friday, March 8

6:00-9:00—Curriculum Committee Meeting, Grill Room, Walker Memorial.

## Saturday, March 9

2:30—Gym Team vs. Temple and Bowdoin, Walker Gym.  
6:30—Chinese Engineering Society Dinner Meeting, Faculty Dining Room, Walker.

## Monday, March 11

5:00—M. I. T. A. A. Meeting, Committee Room, Walker.

## Tuesday, March 12

5:00—Banjo Club Meeting, East Lounge, Walker.  
6:00—Faculty Club Dinner Dance, Walker.

## Friday, March 15

7:00—New England Intercollegiate Swimming Trials, University Club.  
8:30—Armenian Club Costume Dance, North Hall, Walker.

## Undergraduate

## BLANCHARD LECTURES

A course of ten lectures on "Atomic Structures" is to be given by Professor Arthur A. Blanchard on Tuesday and Friday mornings at 8 o'clock in Room 10-250, the first lecture to be given on Tuesday, March 5. All students are invited to attend.

## SENIORS

All seniors interested in obtaining positions with the American Steel and Wire Company should make arrangements with the Personnel office, Room 8-212, for an appointment with the representative of this company on March 18.

## TECHNIQUE PICTURES

Managers of teams, and Presidents of fraternities, clubs, and societies are

asked to call at the Technique Office to secure proofs of group pictures for the purpose of taking orders for these pictures.

## TECH SHOW PICTURES

Members of the cast and chorus, or any others who would like pictures of scenes from this year's Show may obtain them by placing an order with the Tech Show office any afternoon this week. The pictures may be seen in the office any afternoon.

## TECH-SARGENT CONCERT

Tickets for the Musical Clubs Sargent-Tech Concert and Dance to be given at the Sargent School at 8 o'clock March 9 may be obtained any afternoon after 4:30 o'clock at the Clubs office, 303 Walker Memorial. The price per ticket is seventy-five cents.

## WORK ON THESE ATTRACTS NOTICE

Special Arrangements Being Made in Labs at Institute for Seniors

Because of unusual activity in the steam and hydraulics labs, many of the students have been prompted to loaf about Building 3 for the last few days. An inquiry into the cause revealed that some of the Seniors are beginning extensive work on their thesis.

It is an easy matter to conduct research on any problem of one's choice, as far as the procuring of the equipment is concerned. At the present time, one of the Seniors is working to find the rate of discharge of water through side outlet weirs, and a special apparatus has been erected on the top of a ten-foot calibrated tank. There are two tanks receiving the flow of water, one from the side weir and one from the end. Another Senior is experimenting to find the hydraulic head lost in canal racks, using a special arrangement of the large steel flume on the second floor. This experiment has kept the enormous Worthington pump working for the last few days.

President Stratton, who has done a great deal of work in the line of optics, has turned over the equipment of a small laboratory for research of

## INFIRMARY REPORTS RUSHING BUSINESS

Bad Weather Brings in Many Sore Throat Cases

Our infirmary continues to do a ravishing business and in spite of the fact that no co-eds are there at present to attract patients, the infirmary is a full house. An extra ward with space for ten more beds was set up during the recent gripe epidemic, but even after that climax of patronage passed the customers still brought in stuffy noses, sore-throats, and ailing stomachs to be treated.

In commenting on the success of the infirmary, Dr. Benjamin E. Sibbey of the medical staff said, "Treatment is responded to more quickly in the infirmary than when the students are cared for in their own rooms." He urged students to pay attention to the slightest illness and to come to the infirmary when at all in doubt.

Where do our Senior rings go? The "Varsity Breeze" of St. Louis University reports that 95% of the rings of the Class of '16 have found their way to the hock shop.

this type to a Course 6 Senior who is working on his thesis. This laboratory is on the second floor of Building 3 opposite the administrative offices, and is only a temporary arrangement, which will at some time or other be replaced by offices of administration.

## TYSON '30 ELECTED MANAGER OF POLO

M.I.T.A.A. Awards Numerals to Members of Freshman Hockey Team

At the M. I. T. A. A. executive meeting held last night, James Tyson, Jr. '30 was elected manager of the Polo team for 1929. Numerals were awarded to the following members of the freshman hockey team: Thomas W. Regan, Joseph P. Fahey, Charles H. Marvin, Otto A. Peterson, John F. Yeager, William E. Ward, Robert M. McCrae, James J. Robson, George S. Maynard, Jr.

Progress reports were given at the regular M. I. T. A. A. meeting held last Tuesday in Basketball, Boxing, Crew, Fencing, Golf, Gym, Hockey, Rifle, Swimming, Tennis, Track, Wrestling, Polo, and Publicity. At the same time, it was decided that a banquet would be held in Walker Memorial on March 14 at 6:30 o'clock.

President Thomas announced that the A. A. would put on an act at the Carnival this spring and asked the cooperation of the members. He also announced that the A. A. would give a boxing, wrestling, and gym exhibition on Open House night which would come at the end of April.

At the University of Kentucky the students have taken the enforcement of the Volstead Act. Any student caught drinking at a dance, social, or any other affair dealing with campus life, is brought before the men's student council and tried. If found guilty the offender may be shipped. The movement on the part of the students has nearly put an end to all drinking at the University of Kentucky.

To the Editor:

Unfortunately a false interpretation has been taken of the statement which I made at the last Institute Committee meeting when I said, "Voo-Doo has never been warned." I should have added,—"by the Institute Committee."

Signed:  
Earl Glen

## JOHN SPANG

QUALITY RADIO EQUIPMENT  
STANDARD SETS AND PARTS  
INSTALLATION SERVICE  
Phone Kenmore 0745  
125 MASSACHUSETTS AVENUE  
(Next to Cor. Boylston St.) Boston  
"First Tested—Then Sold"  
—Discount to Tech Students—



More Plentiful Than Ever:

## Animal Pattern Neckties

Young men at Princeton and Yale are responsible for the popularity of animal patterns. Older men have taken to them, also. The tie rack of every sportsman, in or out of school, should show one or several "animal neckties." The patterns are trimly woven on solid color grounds.

LOWER FLOOR—STORE FOR MEN

# GAS HEAT

## —how it brings profits to Industry in countless ways

LET'S take a minute or two and see what we'll gain when we put in gas heat. Call in the cost accountant.

First: No fuel stocks to maintain. Check off investment, cost of handling, cost of storage space, interest.

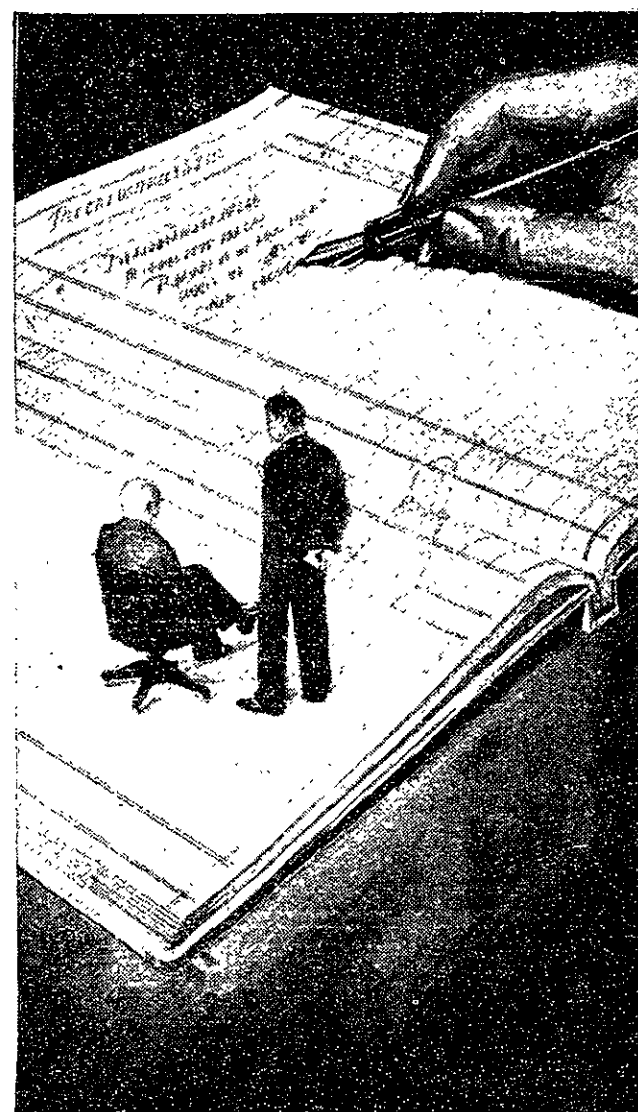
Then, relative efficiency. Gas will save us money here: put a gas flame right where we want it; waste no time, no fuel, in building up to maximum efficiency. Shut it off instantly when we're done.

Better working conditions. No soot, smoke, coal dust.

Gas is flexible, too. We can apply it economically; we can maintain our temperatures accurately; we can control it accurately. That'll cut down spoilage losses and build up production.

Gas is all fuel; no waste. Every cubic foot we buy will produce profitable heat.

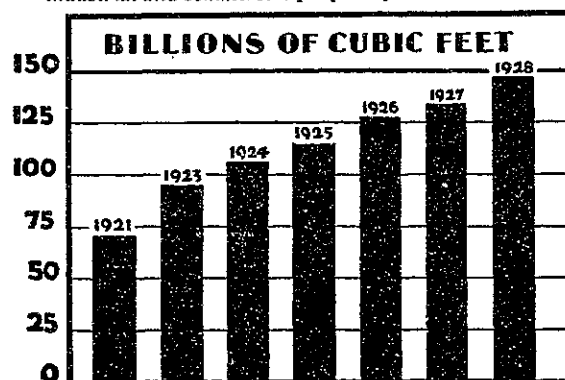
Let's get that book, "Industrial Gas Heat" from the American Gas Association, and see what other people are



doing with gas. It's free... and there's no obligation in asking for it.

AMERICAN GAS ASSOCIATION  
420 Lexington Avenue, New York

Below: sales of manufactured gas in the United States for industrial and commercial purposes from 1921 to 1928.



IF IT'S DONE WITH HEAT, YOU CAN DO IT BETTER WITH

GAS

